

Technical Bulletin

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Cancels: N/A

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Subject: TU-FLO 600 & 700 PISTON/RING KIT AND RING KIT CHANGES

A new design piston and piston ring set is now in use for all new and remanufactured Tu-Flo 700 compressors. With the exception of Caterpillar compressors, all new production Tu-Flo 700's built on or after April 7, 1986 (serial No. D0786F and higher) incorporate the new piston. New production Tu-Flo 700 compressors for Caterpillar began to incorporate the new piston on May 1, 1986 (serial No. E0186F). All remanufactured Tu-Flo 700 compressors, including Caterpillar, began using the new piston on April 7, 1986. New and remanufactured Tu-Flo 600 compressors will continue to use the old style piston and ring arrangement.

The old and new pistons can be used interchangeably in the Tu-Flo 600 & 700; however, the piston rings used in the third and fifth groove are different. The new piston utilizes a double land ventilated oil control ring with an expander in the third and fifth groove rather than the wide solid compression ring used in the older piston. The ventilated ring is substantially wider than the solid ring and, therefore, will not fit the older piston. The old style wide solid compression ring should not be installed in the third and fifth groove of the new piston since the fit is incorrect.

The part numbers of replacement piston ring kits for the Tu-Flo 600 & 700 pistons will **NOT CHANGE**. Ring kits assembled after April 7, 1986 will contain both the old and new style rings to permit servicing both the old and new style piston. The part numbers for replacement piston and pin kits will likewise **NOT CHANGE** and will incorporate the new piston in kits assembled after April 7, 1986.

Inventory rotation of the current Tu-Flo 600 & 700 ring kits will ensure that the eventual ring requirements of the new piston will be met with ring kits assembled after April 7, 1986.

The following is for reference and can be found on catalog pages 01-F-2 and 01-K-2 .

RING KITS (Tu-Flo 600 & 700)

Standard size - 282525
.010" oversize - 282526
.020" oversize - 282527
.030" oversize- 282528

(Note: One ring kit services two pistons.)

PISTON & WRIST PIN KITS (Tu-Flo 600 & 700)

Standard size - 289891
.010" oversize - 289892
.020" oversize - 289893
.030" oversize - 289894

